

OPINION 910

TELLINA GARI LINNAEUS, 1758 (BIVALVIA): SUPPRESSED UNDER THE PLENARY POWERS

RULING.—(1) Under the plenary powers:

- (a) The generic name *Gari* Schumacher, 1817, is not to be corrected to the nominative singular form *Garum*;
- (b) the specific name *gari* Linnaeus, 1758, as published in the binomen *Tellina gari*, is hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy;
- (c) the consequence of tautonymy in the case of *Tellina gari* Linnaeus, 1758, is hereby set aside, and the nominal species *Gari vulgaris* Schumacher, 1817, is hereby designated to be the type-species of *Gari* Schumacher, 1817.

(2) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified:

- (a) *Gari* Schumacher, 1817 (gender: feminine), type-species, by designation under the plenary powers in (1)(c) above, *Gari vulgaris* Schumacher, 1817, as defined by the lectotype designated by Lemche herein (Name No. 1895);
- (b) *Psammobia* Lamarck, 1818 (gender: feminine), type-species, by designation by Children, 1823, *Tellina fervensis* Gmelin, 1791 (Name No. 1896);
- (c) *Garum* Dall, 1900 (gender: neuter), type-species, by monotypy, *Psammobia filosa* Conrad, 1833 (Name No. 1897).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified:

- (a) *truncata* Linnaeus, 1767, as published in the binomen *Tellina truncata* (Name No. 2371);
- (b) *amethystus* Wood, 1815, as published in the binomen *Solen amethystus* (Name No. 2372);
- (c) *fervensis* Gmelin, 1791, as published in the binomen *Tellina fervensis* (type-species of *Psammobia* Lamarck, 1818) (Name No. 2373);
- (d) *filosa* Conrad, 1833, as published in the binomen *Psammobia filosa* (type-species of *Garum* Dall, 1900) (Name No. 2374).

(4) The family-group name PSAMMOBIIDAE (correction of PSAMMOBIADAE) Fleming, 1828 (type-genus *Psammobia* Lamarck, 1818) is hereby placed on the Official List of Family-Group Names in Zoology with the Name Number 446.

(5) The family-group name PSAMMOBIADAE Fleming, 1828 (type-genus *Psammobia* Lamarck, 1818) (an incorrect original spelling for PSAMMOBIIDAE) is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name Number 449.

(6) The specific name *gari* Linnaeus, 1758, as published in the binomen *Tellina gari* (as suppressed under the plenary powers in (1)(b) above) is hereby

placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Number 924.

HISTORY OF THE CASE (Z.N.(S.) 1461)

The present case was first submitted to the office of the Commission by the late Dr. L. R. Cox in June 1960. Dr. Cox's application was sent to the printer on 27 June 1960 and was published on 5 December 1960 in *Bull. zool. Nomencl.* **18** : 90-96. Public Notice of the possible use of the plenary powers in the present case was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (Constitution Art. 12b; *Bull. zool. Nomencl.* **21** : 184).

Dr. Cox made a correction to his proposals in *Bull. zool. Nomencl.* **18** : 226. The proposals were supported by Dr. C. A. Fleming, Prof. Myra Keen, Dr. S. W. Muller, Mr. R. Stohler, Dr. K. V. W. Palmer, Dr. L. G. Hertlein, Mr. K. L. Edwards, *et al.* and Dr. H. Lemche. The following workers also supported the application but objected to the designation of a neotype for *Tellina gari* Linnaeus: Dr. R. Robertson, Prof. R. Tucker Abbott, Dr. J. Rosewater, Dr. H. A. Rehder and Dr. J. P. E. Morrison. Objections were received from Miss R. D. Turner, Dr. K. J. Boss, Prof. Ernst Mayr and Dr. J. L. Baily, Jr. All these comments were published in *Bull. zool. Nomencl.* **18** : 213, 297-303; **22** : 136.

Many of those supporting the application proposed that the family-group name GARIDAE be validated under the plenary powers, and Dr. Cox amended his application in this way in *Bull. zool. Nomencl.* **18** : 304-305.

A further objection by Dr. H. Lemche and Dr. R. H. Parker (*Bull. zool. Nomencl.* **19** : 375-377) was answered by Dr. Cox (*ibid.* **20** : 278). A final summary and restatement of the case was made by Dr. Lemche (*ibid.* **21** : 323-325) and amended by Dr. Cox (*ibid.* **22** : 144-145). Dr. Lemche's proposals were supported by Mr. D. Heppell and Dr. C. O. van Regteren Altena.

DECISION OF THE COMMISSION

On 3 April 1969 Commissioners were requested to vote under the Three-Month Rule on Voting Paper (69)14, in part 1 either for or against the use of the plenary powers in the present case, and in part 2, for either Alternative A (as set out by Lemche in *Bull. zool. Nomencl.* **21** : 324-325) or for Alternative B (as set out by Lemche in *Bull. zool. Nomencl.* **21** : 324-325, and amended by Cox in *Bull. zool. Nomencl.* **22** : 145). At the close of the prescribed voting period on 3 July 1969 the state of the voting was as follows:

Part 1. Affirmative votes—eighteen (18), received in the following order: Holthuis, China, Evans, Lemche, Simpson, Vokes, Obruchev, Mayr, Melville, Brinck, Bonnet, do Amaral, Jaczewski, Forest, Uchida, Starobogatov, Mertens, Binder.

Negative votes—none (0).

Part 2. For Alternative A—three (3): Lemche, Mayr, Bonnet.

For Alternative B—fifteen (15): Holthuis, China, Evans, Simpson, Vokes, Obruchev, Melville, Brinck, do Amaral, Jaczewski, Forest, Uchida, Starobogatov, Mertens, Binder.

On Leave of Absence—two (2): Munroe, Tortonese.

Voting Papers not returned—one (1): Ride.

Commissioners Sabrosky and Eisenmann declined to vote. Commissioners Kraus and Alvarado returned late votes for Alternative B and Alternative A respectively.

Dr. Lemche has shown that figure 92 of Chemnitz (1782, *Conch. Cab.* 6, pl. 10) was based on at least two specimens. Dr. Cox's designation (*Bull. zool. Nomencl.* 18 : 304) of the specimen represented by fig. 92 of Chemnitz as lectotype of *Gari vulgaris* Schumacher is therefore no longer satisfactory. In consequence Dr. Lemche (in the note below) has chosen one of these specimens as the lectotype.

DESIGNATION OF A LECTOTYPE FOR *GARI VULGARIS* SCHUMACHER, 1817

By Henning Lemche (*Copenhagen*)

The two specimens have now been put into two separate vials, the slightly larger one being accompanied by two new labels. One has the word "TYPE" printed on it in the manner customary in our museum. The other contains the following particulars. (1) on one side "*Gari vulgaris* Schumacher, 1817, lectotype selected under protest by Henning Lemche 20/8-1969 under obedience to a decision of the Int. Comm. Zool. Nomencl.". (2) on the other side a necessary statement: "This is *not* the same species as that figured by Schumacher himself (which figure is based on the specimen also figured in Chemnitz VI fig. 93)".

The two vials have been placed in a small paper box into which have been placed all of the five older labels hitherto attached to this sample, as none of them can be assigned to any one of the two specimens in hand. Their common labels are rather incongruent, running as follows:

- (1) (Spengler's handwriting) "48. Tellina gari L. Ostindien."
- (2) (probably also an original from Spengler's hand) "— — — bareus" (three first letters not easily interpreted), and on the opposite side "1b".
- (3) (slightly younger label) "Trqrb. I" (= Tranquebar. India).
- (4) label probably from before 1850, but in neither Beck's nor Morch's handwriting "Psammobia obliqua nob. C VI f. 92! Java?".
- (5) (Morch's handwriting—from his younger days) "Orig. Ch. VI f. 92. Tellina Gari Linnaei Ch. var. T. amethystea Ch. var. T. gari b Spgl. N.S.4.2. p. 72. Sp. Niquebar". The "Sp." means "Spengler collection".

Please note that Chemnitz himself gives the locality for fig. 92 as the Molluccan Islands, which does not fit with labels 3, 4 or 5. It is therefore impossible to indicate a type locality, or even a zoogeographical region for the type specimen. Either of the two specimens may have come from any of the localities Java, the Molluccans, the Nicobar Islands or Tranquebar.

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists and Indexes by the Ruling given in the present Opinion:

amethystus, Solen, Wood, 1815, *Gen. Conch.*: 138

fervensis, Tellina, Gmelin, 1791, in Linnaeus, *Syst. Nat.* (ed. 13) 1 : 3235

filosa, Psammobia, Conrad, 1833, *Fossil Shells Tert. N. Amer.* 4 : 42

Gari Schumacher, 1817, *Essai nouv. Syst. Habitations Vers test.*: 44, 131

gari, Tellina, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 674

Garum Dall, 1900, *Trans. Wagner free Inst. Sci. Philad.* 3 : 975

Psammobia Lamarck, 1818, *Hist. nat. Anim. sans Vertèbr.* 5 : 511

PSAMMOBIADAE Fleming, 1828, an incorrect original spelling for PSAMMOBIIDAE q.v.

PSAMMOBIIDAE Fleming, 1828, *Hist. brit. Anim.*: 437

truncata, Tellina, Linnaeus, 1767, *Syst. Nat.* (ed. 12) 1 : 1118.

The following is the original reference for the designation of a type-species for a genus concerned in the present Ruling:

For *Psammobia* Lamarck, 1818; Children, 1823, *Quart. J. Sci.* 14 : 304.

CERTIFICATE

We certify that the votes cast on Voting Paper (69)14 were cast as set out above, that the proposal contained on that Voting Paper as Alternative B of Part 2 has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 910.

R. V. MELVILLE
Secretary

W. E. CHINA
Assistant Secretary
International Commission on Zoological Nomenclature
London
23 September 1969